

ABSTRACT OF THE DISCLOSURE

A system and method for displaying digital interface symbol information from at least one analog signal is provided. The digital interface symbol information
5 includes encoded symbols as well as decoded information the encoded symbols represent. First, a set of data samples of the analog signal is captured at a frequency at least as high as the switching rate of the analog signal. The set of data samples is then converted into a serial bit stream by way of either a provided or extracted clock. The serial bit stream is searched for one or more sync symbols identified with the
10 particular encoding scheme employed in the digital interface. Using the sync symbols, the encoded symbols in the serial bit stream are identified. At least some of the digital interface symbol information, such as the encoded symbols and the decoded information, are then correlated and displayed with a trace of the analog signal.